UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES
Antimicrobials Division

July 8, 2001

SUBJECT: PRODUCT CHEMISTRY REVIEW OF:
Vanquish Phthalate Antimicrobial

DP Barcode: 273384 **Reg. No. Or File Symbol: 72674-G**
Manufacturing-use [ ] OR **End-use Product [X]**

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Product Formulation **Active Ingredient(s)**	**% by wt.**
n-Butyl-1-1,2-benzisothiazolin-3-one	9.5%

BACKGROUND:

The registrant has submitted a 12-month final storage stability/corrosion characteristics study to complete the requirements for 830.6317 and 830.6320 Guidelines. The study was contained in MRID No. 453216-01. The product is used to preserve plastics. Also included in the package was notification of a product name change and comments about acute toxicology data. The reference to the toxicology data has been given to Wallace Powell, acute toxicology reviewer.

FINDINGS:

1. The study was conducted from April 17, 1997 thru April 17, 1998. A Statement of Good Laboratory Practices was included in the data package.

2. The name of the product has been changed from *Dolphin DOP* to *Vanquish Phthalate Antimicrobial*

3. The product was stored in high density polyethylene (HDPE) in the dark at ambient (14° C to 24° C) for twelve months. There were no changes in the composition or appearance of the product during the storage period.

4. The test substance was analyzed by HPLC for strength and purity at the beginning of the test period and at the end. No change was observed in either characteristic.

RECOMMENDATIONS:

1. The Agency Series 830.6317 and .6320 Guidelines stipulate that test substances undergoing a study for these two characteristics are to be examined and analyzed for changes at the beginning of the test period, after 3 months, after 6 months and at the end of the test period. In this study, conducted in Great Britain using OECD standards, did not follow these parameters. Since there was no degradation of the product or the container during the entire testing period, the data is acceptable. The registrant must follow Agency standards for future testing.